



2812

PTO/SB/21 (08-00)

|   |                        |                       |
|---|------------------------|-----------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 09/748,121            |
|   | Filing Date            | December 27, 2000     |
|   | First Named Inventor   | Osamu NAKAMURA et al. |
|   | Group Art Unit         | 2812                  |
|   | Examiner Name          | Viktor Simkovic       |
| Total Number of Pages in This Submission  | Attorney Docket Number | 0756-2247             |

| ENCLOSURES (check all that apply)   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment / Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input checked="" type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Declaration and Power of Attorney<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosures<br>1. Notification of Related Application<br>2.<br>3.<br>4.<br>5.<br>6. |
| Remarks   |  | <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |  |
|--|--|
| Firm or Individual name                    | Eric J. Robinson, Reg. No. 38,285<br>Robinson Intellectual Property Law Office, P.C.<br>PMB 955<br>21010 Southbank Street<br>Potomac Falls, VA 20165 |
| Signature                                  |  |
| Date                                       | February 4, 2003   |

RECEIVED  
FEB 11 2003  
TECHNOLOGY CENTER 2800

| CERTIFICATE OF MAILING  |                  |      |                  |
|---|------------------|------|------------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on the date indicated below. |                  |      |                  |
| Type or printed name  | Adele M. Stamper |      |                  |
| Signature   |                  | Date | February 4, 2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

**FEE BRAND MITTAL  
FOR FY 2003**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$ 290.00)

| Complete if Known    |                       |
|----------------------|-----------------------|
| Application Number   | 09/748,121            |
| Filing Date          | December 27, 2000     |
| First Named Inventor | Osamu NAKAMURA et al. |
| Examiner Name        | Viktor Simkovic       |
| Group Art Unit       | 2812                  |
| Attorney Docket No.  | 0756-2247             |

**METHOD OF PAYMENT**

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

50-2280

Deposit  
Account  
NameRobinson Intellectual Property  
Law Office

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17 and  
credit overpayments

- ☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit Card ☐ Money  
Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity<br>Fee<br>Code | Large Entity<br>Fee<br>(\$) | Small Entity<br>Fee<br>Code | Small Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------|----------|
| 101                         | 750                         | 201                         | 375                         | Utility filing fee     |          |
| 106                         | 330                         | 206                         | 165                         | Design filing fee      |          |
| 107                         | 520                         | 207                         | 260                         | Plant filing fee       |          |
| 108                         | 750                         | 208                         | 375                         | Reissue filing fee     |          |
| 114                         | 160                         | 214                         | 80                          | Provisional filing fee |          |

**SUBTOTAL (1)** (\$)**2. EXTRA CLAIM FEES**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
|                    | -20** =      | X              | =        |
| Independent Claims | -3** =       | X              | =        |
| Multiple Dependent |              |                | =        |

| Large Entity<br>Fee<br>Code | Large Entity<br>Fee<br>(\$) | Small Entity<br>Fee<br>Code | Small Entity<br>Fee<br>(\$) | Fee Description  |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--|
| 103                         | 18                          | 203                         | 9                           | Claims in excess of 20                                     |
| 102                         | 84                          | 202                         | 42                          | Independent claims in excess of 3                          |
| 104                         | 280                         | 204                         | 140                         | Multiple dependent claim, if not paid                      |
| 109                         | 84                          | 209                         | 42                          | ** Reissue independent claims over original patent         |
| 110                         | 18                          | 210                         | 9                           | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** (\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Fee Code                  | Large Entity<br>Fee (\$) | Fee Code | Small Entity<br>Fee (\$) | Fee Description  | Fee Paid |
|---------------------------|--------------------------|----------|--------------------------|--|----------|
| 105                       | 130                      | 205      | 65                       | Surcharge - late filing fee or oath  |          |
| 127                       | 50                       | 227      | 25                       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                       | 130                      | 139      | 130                      | Non-English specification  |          |
| 147                       | 2,520                    | 147      | 2,520                    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 112                       | 920*                     | 112      | 920*                     | Requesting publication of SIR prior to Examiner action                     |          |
| 113                       | 1,840*                   | 113      | 1,840*                   | Requesting publication of SIR after Examiner action                        |          |
| 115                       | 110                      | 215      | 55                       | Extension for reply within first month                                     | \$110.00 |
| 116                       | 410                      | 200      | 205                      | Extension for reply within second month                                    |          |
| 117                       | 930                      | 460      | 465                      | Extension for reply within third month                                     |          |
| 118                       | 1,450                    | 720      | 725                      | Extension for reply within fourth month                                    |          |
| 128                       | 1,970                    | 228      | 985                      | Extension for reply within fifth month                                     |          |
| 119                       | 320                      | 219      | 160                      | Notice of Appeal   |          |
| 120                       | 320                      | 220      | 160                      | Filing a brief in support of an appeal                                     |          |
| 121                       | 280                      | 221      | 140                      | Request for oral hearing   |          |
| 138                       | 1,510                    | 138      | 1,510                    | Petition to institute a public use proceeding                              |          |
| 140                       | 110                      | 240      | 55                       | Petition to revive - unavoidable   |          |
| 141                       | 1,280                    | 241      | 640                      | Petition to revive - unintentional   |          |
| 142                       | 1,280                    | 242      | 640                      | Utility issue fee (or reissue)   |          |
| 143                       | 460                      | 243      | 230                      | Design issue fee   |          |
| 144                       | 620                      | 244      | 310                      | Plant issue fee  |          |
| 122                       | 130                      | 122      | 130                      | Petitions to the Commissioner  |          |
| 123                       | 50                       | 123      | 50                       | Processing fee under 37 CR 1.17(q)   |          |
| 126                       | 180                      | 126      | 180                      | Submission of Information Disclosure Stmt                                  | \$180.00 |
| 581                       | 40                       | 581      | 40                       | Recording each patent assignment per property (times number of properties) |          |
| 146                       | 740                      | 246      | 370                      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149                       | 740                      | 249      | 370                      | For each additional invention to be examined (37 CFR § 1.29(b))            |          |
| 179                       | 750                      | 279      | 375                      | Request for Continued Examination (RCE)                                    |          |
| 169                       | 900                      | 169      | 900                      | Request for expedited examination of a design application                  |          |
| Other fee (specify) _____ |                          |          |                          |  |          |

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 290.00)**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on February 4, 2003.

Name: Adele M. Stampler

**SUBMITTED BY**

| Name (Print/Type) |  | Registration No. |  | Complete (if applicable) |  |
|-------------------|--|------------------|--|--------------------------|--|
| Eric J. Robinson  |  | 38,285           |  | (571) 434-6789           |  |
| Signature         |  | Date             |  | February 4, 2003         |  |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Patent Application of )  
Samu NAKAMURA et al. )  
Serial No. 09/748,121 )  
Filed: December 27, 2000 )  
For: METHOD OF MANUFACTURING )  
OF A SEMICONDUCTOR )  
DEVICE )

Art Unit: 2812  
Examiner: Viktor Simkovic

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with The United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on February 4, 2003.

Eric J. Robinson

AMENDMENT

Honorable Commissioner for Patents  
Washington, D.C. 20231  
Sir:

In response to the Office Action dated October 4, 2003, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows:

Page 11, last full paragraph:

Al The main constitution of the present invention is that the island-like insulating film shapes 10301 and 10201 for the surface parallel with a surface 10203 of the crystalline semiconductor thin film 10206 are polygons having  $n$  ( $n > 20$ ) vertexes and also a polygon having  $m$  ( $m > 8$ ) vertexes, in which the interior angle is equal to or larger than  $180^\circ$ , of these vertexes.

Page 17, fourth full paragraph continuing onto page 18:

#13/A  
2/28/03  
RECEIVED  
FEB 11 2003  
TECHNOLOGY CENTER 2800